

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071618\
 Data File : VR025474.D
 Acq On : 16 Jul 2018 13:27
 Operator : SY/MD
 Sample : VR0716WBL01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK84

Quant Time: Jul 17 01:11:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 01:11:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.45	114	852685	5.00	ug/L	-0.02
28) Chlorobenzene-d5	11.28	117	674223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	247533	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	109870	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	2.62	69	87276	4.36	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	3.61	63	225568	3.17	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	6.57	46	348007	47.66	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.32%
24) Chloroform-d	7.18	84	465729	4.01	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	7.88	65	190325	4.27	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	7.84	84	1027269	4.55	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	8.88	67	281304	4.30	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	9.96	98	899348	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	10.23	79	80947	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	10.58	63	268163	47.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	116976	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	193765	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

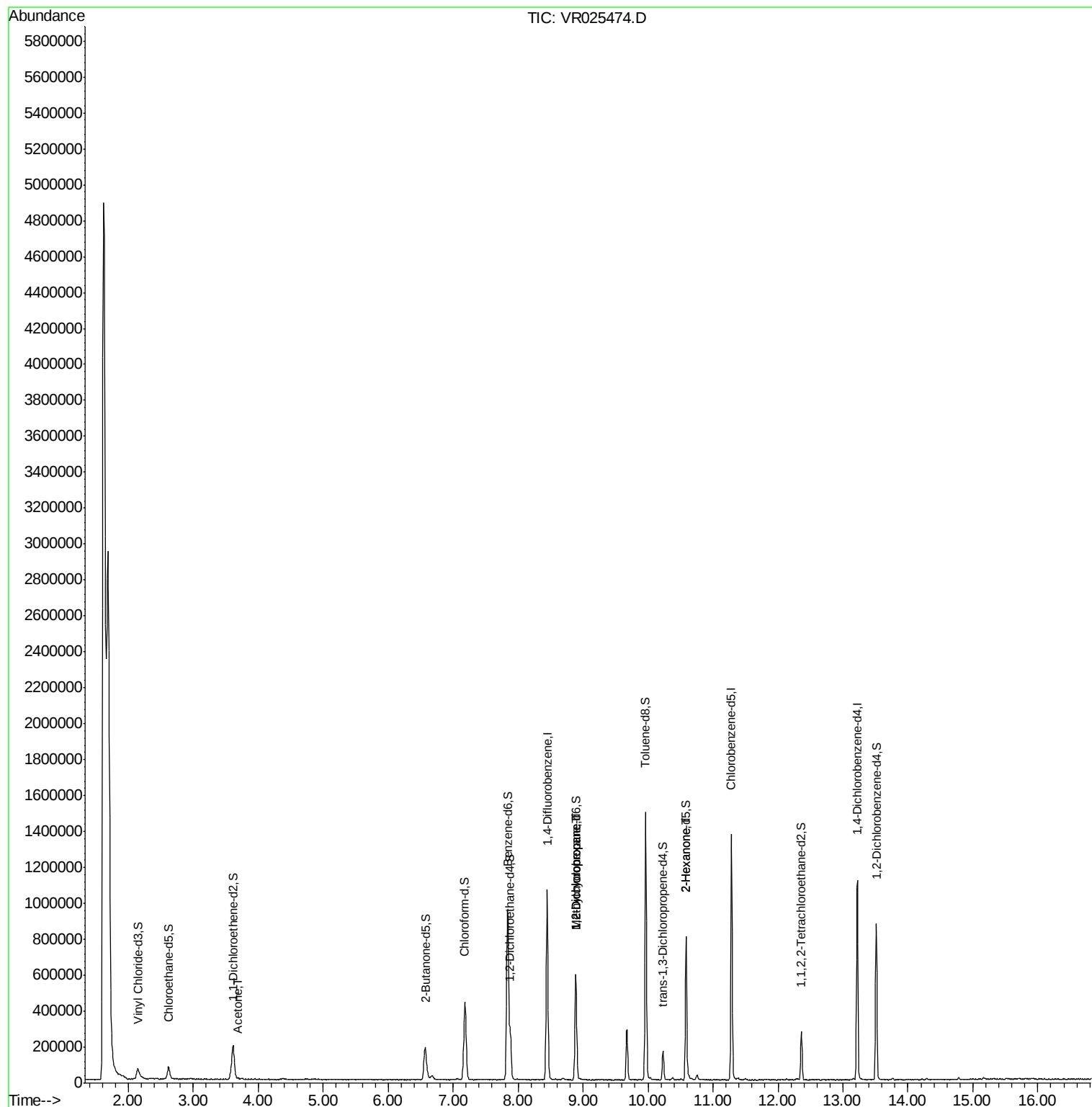
					Qvalue
13) Acetone	3.69	43	2009	0.611 ug/L	78
35) Methylcyclohexane	8.89	83	65343	0.826 ug/L #	18
37) 1,2-Dichloropropane	8.88	63	30257	0.560 ug/L #	90
48) 2-Hexanone	10.59	43	32440	3.012 ug/L #	69

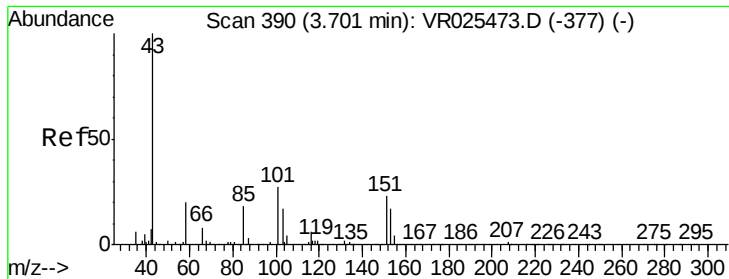
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.611 ug/L

RT: 3.69 min Scan# 388

Delta R.T. -0.01 min

Lab File: VR025474.D

Acq: 16 Jul 2018 13:27

Instrument :

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ClientSampleId :

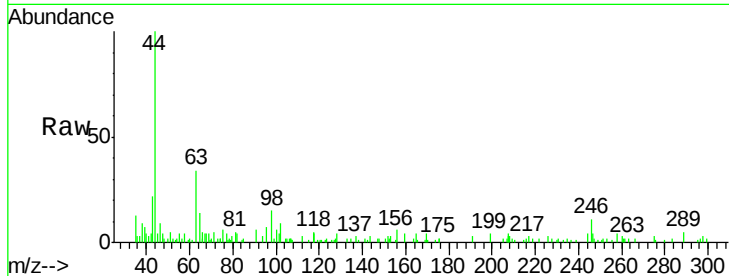
VBLK84

Tgt Ion: 43 Resp: 2009

Ion Ratio Lower Upper

43 100

58 31.1 0.0 41.6



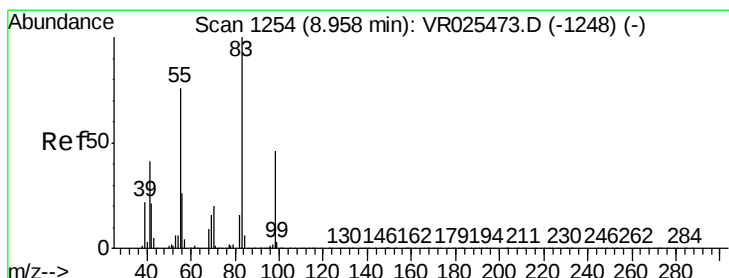
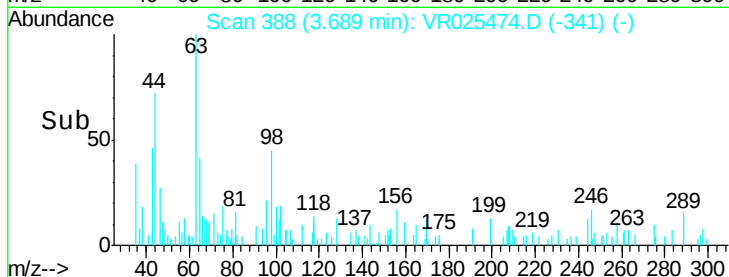
Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Time-->

3.65 3.70

3.69



#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 8.89 min Scan# 1243

Delta R.T. -0.07 min

Lab File: VR025474.D

Acq: 16 Jul 2018 13:27

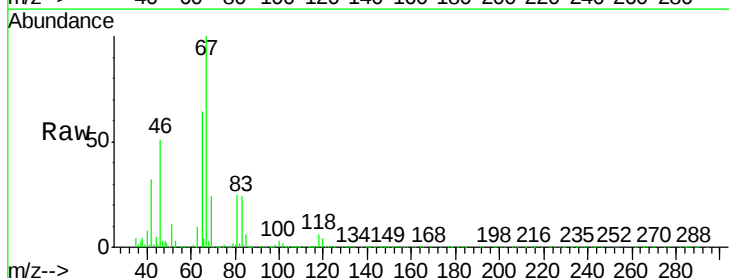
Tgt Ion: 83 Resp: 65343

Ion Ratio Lower Upper

83 100

55 1.1 66.1 99.1#

98 2.5 36.2 54.4#



Abundance Ion 83.15 (82.85 to 83.85): VR0

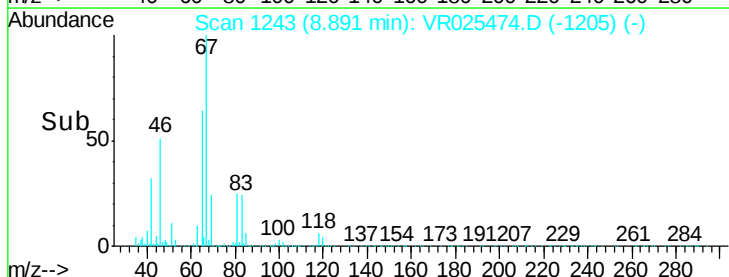
Ion 55.10 (54.80 to 55.80): VR0

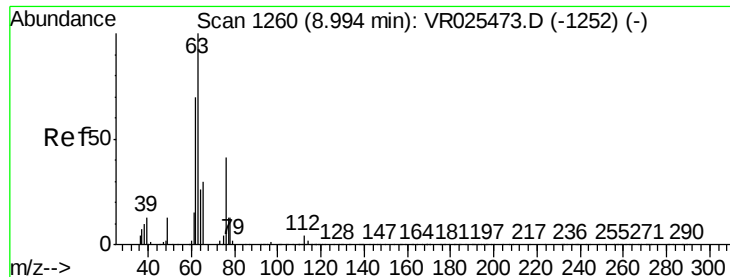
Ion 98.15 (97.85 to 98.85): VR0

Time-->

8.80 8.85 8.90 8.95

8.89





#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 8.88 min Scan# 1242

Delta R.T. -0.11 min

Lab File: VR025474.D

Acq: 16 Jul 2018 13:27

Instrument :

MSVOA_R

ClientSampleId :

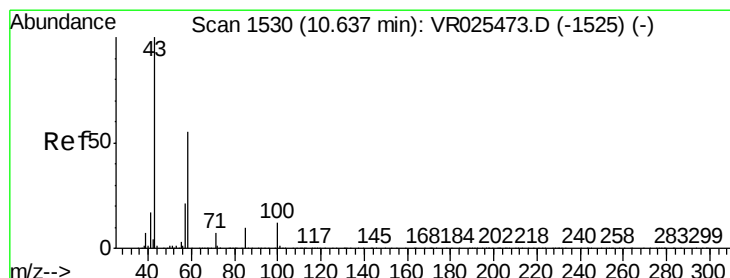
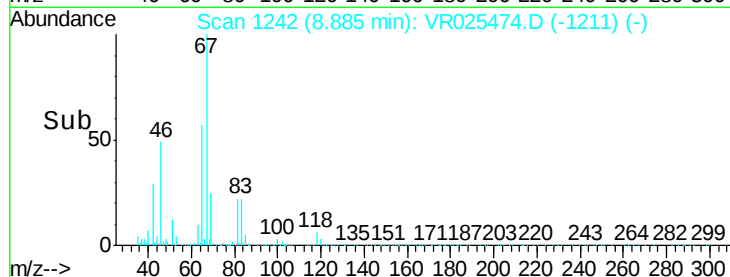
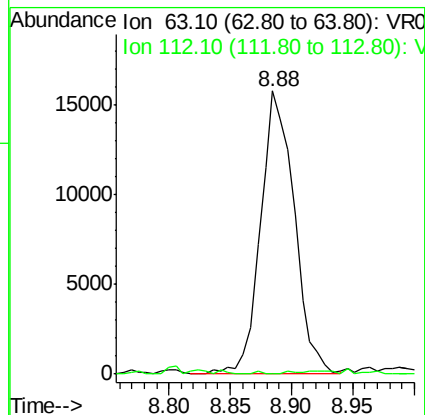
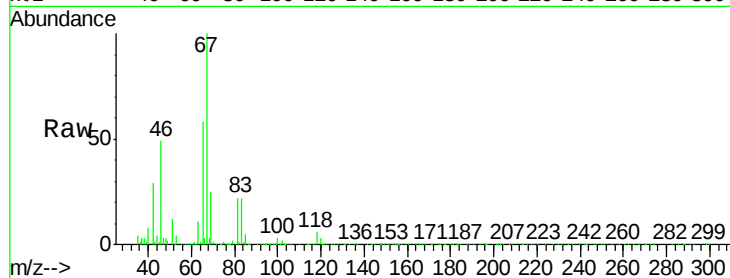
VBLK84

Tgt Ion: 63 Resp: 30257

Ion Ratio Lower Upper

63 100

112 0.4 2.9 4.3#



#48

2-Hexanone

Concen: 3.012 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025474.D

Acq: 16 Jul 2018 13:27

Tgt Ion: 43 Resp: 32440

Ion Ratio Lower Upper

43 100

58 27.2 43.1 64.7#

57 25.8 15.3 22.9#

100 1.0 7.9 11.9#

